



S/N 09/376,875

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PROCEDURE - EXAMINING GROUP 3743

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Gregory M. Chrysler et al.

Examiner: Christopher Atkinson

Serial No.: 09/376,875

Group Art Unit: 3743

Filed: August 18, 1999

Docket: 884.148US1

Title: FOLDED FIN HEAT SINKS

**AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.116**

Box AF

Commissioner for Patents

Washington, D.C. 20231

In response to the final Office Action mailed December 31, 2001, please amend the application as follows:

*Do Not  
enter  
CW  
3/25/02*

**IN THE CLAIMS**

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 1 and 22. The specific amendments to individual claims are detailed in the following marked up set of claims.

1. (Four Times Amended) A heat sink, comprising:

a plurality of laterally placed planar fins forming from a sheet, the plurality of laterally placed planar fins defining a folded fin structure having a top, a bottom, and a front, and wherein the top of at least one fin of the folded fin structure comprises an arch, wherein the top of the at least one fin includes a trimmed opening that extends along a portion of the length of the top of the at least one fin, wherein the trimmed opening is formed by removing the arch along the portion of the length of the top of the at least one fin; [and]

a base attached to the bottom of the folded fin structure; and

*fig 8* a clip that attaches and thermally couples the folded fin structure to the base.

2. (Previously Amended) The heat sink of claim 1, further comprising a first fan attached to the top of the folded fin structure to introduce a convection medium.



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**BOX AF**

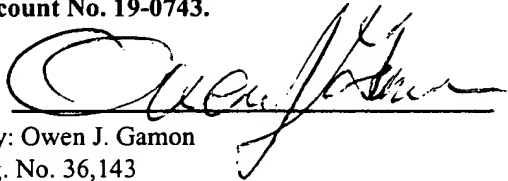
Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Amendment and Response Under 37 CFR 1.116 (4 Pages).
- ☒ Clean Version of Pending Claims (2 pgs.).

Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

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By:   
Atty: Owen J. Gamon  
Reg. No. 36,143

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: BOX AF, Commissioner for Patents, Washington, D.C. 20231, on this 12 day of February, 2002.

Jane E. Brockschink  
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